



MINERAL INFORMATION SERVICE

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MINERAL INFORMATION SERVICE is a monthly news release concerning the mineral resources and industry of CALIFORNIA, designed to inform the public of discoveries, operations, markets, statistics, and new publications. It is distributed without cost upon request.

NEW PUBLICATIONS OF THE DIVISION OF MINES

The most recent list of available publications of the California State Division of Mines is now being distributed. It is revised to May 1, 1949, and supersedes all previous lists. The last list, which included publications to September 1, 1948, was distributed last October. Copies of the new list may be procured without cost upon request from the San Francisco office or from the several branch offices of the Division located at Los Angeles, Sacramento, and Redding.

MINING AND INDUSTRIAL NEWS NOTES

Gold Operation in Los Angeles County

Some very high-grade gold ore has been found in the quartz vein of the Hi-Grade mine. This vein, ranging from a few inches to 2 feet in width, occurs in the quartz diorite country rock of the area. It has been opened to a depth of 200 feet and for about 150 feet along its strike. In places it is partly filled with copper sulphides, with which gold is associated. On the property, through a width of some 1500 feet, is a series of six or eight roughly parallel veins; some development work was done on these many years ago. In the canyon to the south are the ruins of several arrastres in which the gold was extracted by these early-day operators.

The Hi-Grade mine (formerly known as the Don) in Los Angeles County is being developed by Francis Gage of 1557 South Fairfax Ave., Los Angeles. The property is in Mint Canyon some two miles southwest of the Governor mine, which Gage reopened in 1932, and from which he produced about \$1,600,000 in gold, more than half of the recorded production from this county. The Governor mine was originally worked by Gage's father, who was once governor of California.

While concentrating for the present on development work, Gage has erected at the shaft a mill for treating the ore. Mill equipment consists of a jaw crusher, ball mill, classifier, and plates. A concentrating table will be added in the immediate future. Capacity of the mill is about 12 tons per day.

New Ore Treatment Plant Near Saugus, Los Angeles County

The Metrecoore, Ltd. is to operate the new ore processing plant now nearing completion near Honby Siding on the Southern Pacific Railroad about 3 miles northeast of Saugus, California. The plant has been built on the terraced hillside south of the railroad and is, therefore, ideally situated for gravity flow of all plant operations. Silver ore for processing at this plant is to be shipped in from several Kern County properties known as the Gold Cross and Standard groups leased by the Mineral & By-Products, Ltd. A description of these properties was printed in the April 1949 issue of the California Journal of Mines and Geology.

The ore reduction system to be used in the plant is a hydro-metallurgical process of controlled leaching to produce crystallized mineral salts for agricultural uses.